IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Eduardo N. MITRANI et al

Serial No.:

10/519,838

Filed:

08-Dec-2005

For:

METHOD AND DEVICES FOR INDUCING

BIOLOGICAL PROCESSES BY MICRO-ORGANS

Examiner:

KIM, TAEYOON

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Group Art Unit: 1651

Attorney

Docket: 28888

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a PTO Form 1449 which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of the references cited. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

This Supplemental Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any or more of these citations constitutes prior art.

Respectfully submitted.

Martin O. Mayurtra

Martin D. Moynihan

Registration No. 40,338

Dated: November 27, 2006

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PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO SUPPLEMENTAL					Complete if Known			
					Application Number	10/5	19,838	
					Filing Date	08-Dec-2005		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)					First Named Inventor	MITRANI Eduardo N. et al 1651		
					Art Unit			
					Examiner Name	KIM, TAEYOON		
Sheet	of 3 Atto		Attorney Docket Number	28888				
			U.S	. PATENT	DOCUMENTS	-		
Examiner Cite Initials* No.		Document Number Publication Date MM-DD-YYYY			Applicant of Cited Document Relevant Passag		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO Application Number 10/519,838 Filing Date 08-Dec-2005 **SUPPLEMENTAL** First Named Inventor MITRANI Eduardo N. et al INFORMATION DISCLOSURE Group Art Unit 1651 STATEMENT BY APPLICANT **Examiner Name** KIM, TAEYOON (use as many sheets as necessary) 2 3 Attorney Docket Number Sheet Of OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), T^2 No.1 Initials publisher, city and/or country where published. Lyons et al. "Vgr-1, A Mammalian Gene Related to Xenopus Vg-1, Is A Member of 2 the Transforming Growth Factor? Gene Superfamily", Proc. Natl. Acad. Sci. USA, 86: 4554-4558, 1989. Bullough et al. "The Control of Epidermal Mitotic Activity in the Mouse", 3 Proceedings of the Royal Society, Series B., Biological Sciences, 151(945): 517-536, 1960. Abstract. Albano et al. "A Mesoderm-Inducing Factor Produced by WEHI-3 Murine 4 Myelomonocytic Leukemia Cells Is Activin A", Development, 110: 435-443, 1990. 5 Schubert et al. "Activin Is A Nerve Cell Survival Molecule", Nature, 344: 868-870, 1990. Abstract. Smith et al. "Identification of A Potent Xenopus Mesoderm-Inducing Factor as A 6 Hologue of Activin A", Nature, 345: 729-731, 1990. Abstract. 7 Asashima et al. "Mesodermal Induction in Early Amphibian Embryos by Activin A (Erythroid Differentiation Factor)", Development Genes and Evolution, 198(6): 330-335, 1990. Abstract. Mason et al. "Complementary DNA Sequences of Ovarian Follicular Fluid Inhibin 8 Show Precursor Structure and Homology With Transforming Growth Factor-Beta", Nature, 318: 659-663, 1985. Abstract. Ling et al. "Pituitary FSH Is Released by A Heterodimer of the Beta-Subunits From 9 the Two Froms of Inhibin", Nature, 321: 779-782, 1986. Abstract. Vale et al. "Purification and Characterization of An FSH Releasing Protein From 10 Porcine Ovarian Follicular Fluid", Nature, 321: 776-779, 1986. Abstract. Thomsen et al. "Activins Are Expressed Early in Xenopus Embryo-Genesis and Can 11 Induce Axial Mesoderm and Anterior Structures", Cell, 63: 485-493, 1990. Abstract. 12 Jones et al. "Involvement of Bone Morphogenetic Protein-4 (BMP-4) and Vgr-1 in Morphogenesis and Neurogenesis in the Mouse", Development, 111: 531-542, 1991. 13 Mitrani et al. "Induction by Soluble Factors of Organized Axial Structures in Chick Epiblasts", Science, 247: 1092-1094, 1990. Abstract. 14 Mitrani et al. "Activin Can Induce the Formation of Axial Structures and Is Expressed in the Hypoblast of the Chick", Cell, 63: 495-501, 1990. Abstract. Weiss et al. "A Model of Growth & Growth Control in Mathematical Terms", The 15 Journal of General Physiology, 41(1): 1-47, 1957. Murata et al. "Erythroid Differentiation Factor Is Encoded by the Same mRNA as 16 That of the Inhibin Beta A Chain", Proc. Natl. Acad. Sci. USA, 85: 2434-2438, 1988.

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Sheet	3	Of 3	Attorney Docket Number	28888				
		OTHER PRIOR ART – NON PATEN	IT LITERATURE DOCUM	ENTS				
	17	Thompson et al. "Expression of Transforming Growth Factor-Beta1 in Specific Cells						
		and Tissues of Adult and Neonatal Mice", T	he Journal of Cell Biology, 1	08: 661-				
		669, 1989.						
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